

Titles of Most Frequently Occurring Classifications of Patents Returned  
From A Search of 09854464 on November 29, 2002

16 324/318 (8 OR, 8 XR)

Class 324 : ELECTRICITY: MEASURING AND TESTING  
324/300 PARTICLE PRECESSION RESONANCE  
324/318 .Spectrometer components

15 335/216 (7 OR, 8 XR)

Class 335 : ELECTRICITY: MAGNETICALLY OPERATED SWITCHES,  
MAGNETS, AND ELECTROMAGNETS  
335/209 MAGNETS AND ELECTROMAGNETS  
335/216 .Superconductive type

8 505/211 (2 OR, 6 XR)

Class 505 : SUPERCONDUCTOR TECHNOLOGY: APPARATUS,  
MATERIAL, PROCESS  
505/150 HIGH TEMPERATURE (Tc GREATER THAN 30 K)  
DEVICES, SYSTEMS, APPARATUS, COM- PONENTS, OR STOCK, OR  
PROCESSES OF USING  
505/211 .Electrical energy storage device (e.g.,  
accumulator, etc.), inductor, transformer, magnetic switch,  
magnetic ring, sphere, coil, or magnetic arrangement

8 505/705 (0 OR, 8 XR)

Class 505 : SUPERCONDUCTOR TECHNOLOGY: APPARATUS,  
MATERIAL, PROCESS  
505/700 High Tc (ABOVE 30 K) SUPERCONDUCTING DEVICE,  
ARTICLE, OR STRUCTURED STOCK  
505/704 .Wire, fiber, or cable  
505/705 ..Magnetic coil

7 29/599 (2 OR, 5 XR)

Class 029 : METAL WORKING  
29/592 METHOD OF MECHANICAL MANUFACTURE  
29/592.1 .Electrical device making  
29/599 ..Superconductor

6 310/261 (1 OR, 5 XR)

Class 310 : ELECTRICAL GENERATOR OR MOTOR STRUCTURE  
310/10 DYNAMOELECTRIC  
310/40R .Rotary  
310/261 ..Rotor structure

6 324/322 (1 OR, 5 XR)

Class 324 : ELECTRICITY: MEASURING AND TESTING

324/300 PARTICLE PRECESSION RESONANCE

324/318 .Spectrometer components

324/322 ..Electronic circuit elements

5 174/125.1 (0 OR, 5 XR)

Class 174 : ELECTRICITY: CONDUCTORS AND INSULATORS

174/68.1 CONDUITS, CABLES OR CONDUCTORS

174/125.1 .Superconductors

5 318/138 (0 OR, 5 XR)

Class 318 : ELECTRICITY: MOTIVE POWER SYSTEMS

318/138 SPACE-DISCHARGE-DEVICE COMMUTATED MOTOR

5 318/254 (5 OR, 0 XR)

Class 318 : ELECTRICITY: MOTIVE POWER SYSTEMS

318/254 SELF-COMMUTATED IMPULSE OR RELUCTANCE MOTORS

5 505/700 (0 OR, 5 XR)

Class 505 : SUPERCONDUCTOR TECHNOLOGY: APPARATUS,  
MATERIAL, PROCESS

505/700 High T<sub>c</sub> (ABOVE 30 K) SUPERCONDUCTING DEVICE,  
ARTICLE, OR STRUCTURED STOCK

5 505/704 (0 OR, 5 XR)

Class 505 : SUPERCONDUCTOR TECHNOLOGY: APPARATUS,  
MATERIAL, PROCESS

505/700 High T<sub>c</sub> (ABOVE 30 K) SUPERCONDUCTING DEVICE,  
ARTICLE, OR STRUCTURED STOCK

505/704 .Wire, fiber, or cable

4 29/605 (0 OR, 4 XR)

Class 029 : METAL WORKING

29/592 METHOD OF MECHANICAL MANUFACTURE

29/592.1 .Electrical device making

29/602.1 ..Electromagnet, transformer or inductor

29/605 ...By winding or coiling

4 62/51.1 (4 OR, 0 XR)

Class 062 : REFRIGERATION

62/45.1 STORAGE OF SOLIDIFIED OR LIQUIFIED GAS (E.G.,  
CRYOGEN)

62/51.1 .Including cryostat

- 4 310/52 (3 OR, 1 XR)  
Class 310 : ELECTRICAL GENERATOR OR MOTOR STRUCTURE  
310/10 DYNAMOELECTRIC  
310/40R .Rotary  
310/52 ..Cooling or fluid contact
- 4 318/439 (0 OR, 4 XR)  
Class 318 : ELECTRICITY: MOTIVE POWER SYSTEMS  
318/439 MOTOR COMMUTATION CONTROL SYSTEMS
- 4 505/166 (4 OR, 0 XR)  
Class 505 : SUPERCONDUCTOR TECHNOLOGY: APPARATUS,  
MATERIAL, PROCESS  
505/150 HIGH TEMPERATURE ( $T_c$  GREATER THAN 30 K)  
DEVICES, SYSTEMS, APPARATUS, COM- PONENTS, OR STOCK, OR  
PROCESSES OF USING  
505/166 .Dynamoelectric machine (e.g., motor,  
generator, etc.), rotational system or device (e.g.,  
clutch, rotor, bearing, etc.), or components thereof
- 4 505/230 (0 OR, 4 XR)  
Class 505 : SUPERCONDUCTOR TECHNOLOGY: APPARATUS,  
MATERIAL, PROCESS  
505/150 HIGH TEMPERATURE ( $T_c$  GREATER THAN 30 K)  
DEVICES, SYSTEMS, APPARATUS, COM- PONENTS, OR STOCK, OR  
PROCESSES OF USING  
505/230 .Superconducting wire, tape, cable, or fiber,  
per se
- 4 505/879 (0 OR, 4 XR)  
Class 505 : SUPERCONDUCTOR TECHNOLOGY: APPARATUS,  
MATERIAL, PROCESS  
505/875 ..Combined with housing and cryogenic fluid  
cooling: (Class 257)  
505/879 .Magnet or electromagnet: (Class 335/216)
- 3 104/286 (0 OR, 3 XR)  
Class 104 : RAILWAYS  
104/281 MAGNETICALLY SUSPENDED CAR  
104/286 .Construction or composition of suspension  
elements
- 3 307/113 (1 OR, 2 XR)  
Class 307 : ELECTRICAL TRANSMISSION OR INTERCONNECTION  
SYSTEMS

307/112 SWITCHING SYSTEMS  
307/113 .Plural switches

3 310/194 (2 OR, 1 XR)

Class 310 : ELECTRICAL GENERATOR OR MOTOR STRUCTURE  
310/10 DYNAMOELECTRIC  
310/40R .Rotary  
310/179 ..Windings and core structure  
310/180 ...Field or excitation windings or structure  
310/194 ....Coil supports and spools

3 310/268 (1 OR, 2 XR)

Class 310 : ELECTRICAL GENERATOR OR MOTOR STRUCTURE  
310/10 DYNAMOELECTRIC  
310/40R .Rotary  
310/261 ..Rotor structure  
310/264 ...Armatures  
310/268 ....Disc

3 310/68R (0 OR, 3 XR)

Class 310 : ELECTRICAL GENERATOR OR MOTOR STRUCTURE  
310/10 DYNAMOELECTRIC  
310/40R .Rotary  
310/66 ..With other elements  
310/68R ...Electric circuit elements

3 310/90.5 (0 OR, 3 XR)

Class 310 : ELECTRICAL GENERATOR OR MOTOR STRUCTURE  
310/10 DYNAMOELECTRIC  
310/40R .Rotary  
310/66 ..With other elements  
310/90 ...Bearing or air-gap adjustment or bearing  
lubrication  
310/90.5 ....Magnetic bearing

3 324/315 (1 OR, 2 XR)

Class 324 : ELECTRICITY: MEASURING AND TESTING  
324/300 PARTICLE PRECESSION RESONANCE  
324/307 .Using a nuclear resonance spectrometer system  
  
324/315 ..With sample resonant frequency and  
temperature interdependence

3 333/99S (2 OR, 1 XR)

Class 333 : WAVE TRANSMISSION LINES AND NETWORKS

333/99R MISCELLANEOUS  
333/99S .Superconductive

3 335/299 (0 OR, 3 XR)

Class 335 : ELECTRICITY: MAGNETICALLY OPERATED SWITCHES,  
MAGNETS, AND ELECTROMAGNETS

335/209 MAGNETS AND ELECTROMAGNETS

335/296 .Magnet structure or material

335/299 ..Coil structure or material

3 361/19 (2 OR, 1 XR)

Class 361 : ELECTRICITY: ELECTRICAL SYSTEMS AND DEVICES

361/1 SAFETY AND PROTECTION OF SYSTEMS AND DEVICES

361/19 .Superconductor protective circuits

3 427/62 (1 OR, 2 XR)

Class 427 : COATING PROCESSES

427/58 ELECTRICAL PRODUCT PRODUCED

427/62 .Superconductor

3 505/210 (1 OR, 2 XR)

Class 505 : SUPERCONDUCTOR TECHNOLOGY: APPARATUS,  
MATERIAL, PROCESS

505/150 HIGH TEMPERATURE ( $T_c$  GREATER THAN 30 K)  
DEVICES, SYSTEMS, APPARATUS, COM-  
PONENTS, OR STOCK, OR  
PROCESSES OF USING

505/210 .High frequency waveguides, resonators,  
electrical networks, or other devices of the waveguide type  
(e.g., phase shifters, cavity filters, etc.)

3 505/236 (0 OR, 3 XR)

Class 505 : SUPERCONDUCTOR TECHNOLOGY: APPARATUS,  
MATERIAL, PROCESS

505/150 HIGH TEMPERATURE ( $T_c$  GREATER THAN 30 K)  
DEVICES, SYSTEMS, APPARATUS, COM-  
PONENTS, OR STOCK, OR  
PROCESSES OF USING

505/236 .Superconductor layer next to free metal  
containing layer

3 505/470 (0 OR, 3 XR)

Class 505 : SUPERCONDUCTOR TECHNOLOGY: APPARATUS,  
MATERIAL, PROCESS

505/300 PROCESSES OF PRODUCING OR TREATING HIGH  
TEMPERATURE ( $T_c$  GREATER THAN 30 K) SUPERCONDUCTOR

MATERIAL

OR SUPERCONDUCTOR CONTAINING PRODUCTS OR PRECURSORS

THEREOF

505/470 .Coating

3 505/706 (0 OR, 3 XR)

Class 505 : SUPERCONDUCTOR TECHNOLOGY: APPARATUS,  
MATERIAL, PROCESS

505/700 High T<sub>c</sub> (ABOVE 30 K) SUPERCONDUCTING DEVICE,  
ARTICLE, OR STRUCTURED STOCK

505/706 .Contact pads or leads bonded to superconductor

3 505/866 (0 OR, 3 XR)

Class 505 : SUPERCONDUCTOR TECHNOLOGY: APPARATUS,  
MATERIAL, PROCESS

505/857 ..Nonlinear solid-state device system or  
circuit: (Class 307/200+)

505/866 .Wave transmission line, network, waveguide, or  
microwave storage device: (Class 333/99S)

3 505/876 (0 OR, 3 XR)

Class 505 : SUPERCONDUCTOR TECHNOLOGY: APPARATUS,  
MATERIAL, PROCESS

505/875 ..Combined with housing and cryogenic fluid  
cooling: (Class 257)

505/876 .Electrical generator or motor structure:  
(Class 310)

2 29/596 (0 OR, 2 XR)

Class 029 : METAL WORKING

29/592 METHOD OF MECHANICAL MANUFACTURE

29/592.1 .Electrical device making

29/596 ..Dynamoelectric machine

2 62/3.7 (0 OR, 2 XR)

Class 062 : REFRIGERATION

62/3.1 USING ELECTRICAL OR MAGNETIC EFFECT

62/3.2 .Thermoelectric; e.g., peltier effect

62/3.7 ..Including specific circuitry or heat  
exchanger material

2 74/572 (0 OR, 2 XR)

Class 074 : MACHINE ELEMENT OR MECHANISM

74/469 CONTROL LEVER AND LINKAGE SYSTEMS  
74/572 .Flywheels and rotors

2 117/101 (0 OR, 2 XR)  
Class 117: SINGLE-CRYSTAL, ORIENTED-CRYSTAL, AND EPITAXY  
GROWTH PROCESSES; NON-COATING APPARATUS THEREFOR  
117/84 FORMING FROM VAPOR OR GASEOUS STATE (E.G., VPE,  
SUBLIMATION)  
117/88 .With decomposition of a precursor (except  
impurity or dopant precursor) composed of diverse atoms  
(e.g., CVD)  
117/101 ..Characterized by specified crystallography or  
arrangement of substrate (e.g., wafer cassette, Miller  
index)

2 117/106 (0 OR, 2 XR)  
Class 117: SINGLE-CRYSTAL, ORIENTED-CRYSTAL, AND EPITAXY  
GROWTH PROCESSES; NON-COATING APPARATUS THEREFOR  
117/84 FORMING FROM VAPOR OR GASEOUS STATE (E.G., VPE,  
SUBLIMATION)  
117/106 .With pretreatment or preparation of a base  
(e.g., annealing)

2 117/947 (0 OR, 2 XR)  
Class 117: SINGLE-CRYSTAL, ORIENTED-CRYSTAL, AND EPITAXY  
GROWTH PROCESSES; NON-COATING APPARATUS THEREFOR  
117/937 INORGANIC CONTAINING SINGLE-CRYSTAL (E.G.,  
COMPOUND, MIXTURE, COMPOSITE) {C30B 29/10}  
117/944 .Oxygen compound containing (e.g., yttria  
stabilized zirconia) {C30B 29/16}  
117/947 ..Containing  $A\text{MeO}_3$  ( $(A_2\text{O}_3):(\text{Me}_2\text{O}_3)$ ), wherein A is  
trivalent and selected from the group Sc, Y, La, Hf, or a  
rare earth metal and Me is trivalent and selected from the  
group Fe, Ga, Sc, Cr, Co, or Al (e.g., Perovskite  
structure, ortho-ferrites) {C30B29/24}

2 117/95 (0 OR, 2 XR)  
Class 117: SINGLE-CRYSTAL, ORIENTED-CRYSTAL, AND EPITAXY  
GROWTH PROCESSES; NON-COATING APPARATUS THEREFOR  
117/84 FORMING FROM VAPOR OR GASEOUS STATE (E.G., VPE,  
SUBLIMATION)  
117/88 .With decomposition of a precursor (except  
impurity or dopant precursor) composed of diverse atoms  
(e.g., CVD)  
117/94 ..With pretreatment or preparation of a base

- (e.g., annealing)  
117/95 ...Coating (e.g., masking, implanting)
- 2 310/12 (1 OR, 1 XR)  
Class 310 : ELECTRICAL GENERATOR OR MOTOR STRUCTURE  
310/10 DYNAMOELECTRIC  
310/12 .Linear
- 2 310/156.26 (0 OR, 2 XR)  
Class 310 : ELECTRICAL GENERATOR OR MOTOR STRUCTURE  
310/10 DYNAMOELECTRIC  
310/40R .Rotary  
310/152 ..Permanent magnet machines  
310/156.01 ...Permanent magnet rotor  
310/156.08 ....Mounting (such as on a surface of a shaft)  
  
310/156.26 .....Mounted on a bell shape hub
- 2 310/179 (1 OR, 1 XR)  
Class 310 : ELECTRICAL GENERATOR OR MOTOR STRUCTURE  
310/10 DYNAMOELECTRIC  
310/40R .Rotary  
310/179 ..Windings and core structure
- 2 310/198 (1 OR, 1 XR)  
Class 310 : ELECTRICAL GENERATOR OR MOTOR STRUCTURE  
310/10 DYNAMOELECTRIC  
310/40R .Rotary  
310/179 ..Windings and core structure  
310/195 ...Armature or primary  
310/198 ....Plural windings
- 2 310/208 (0 OR, 2 XR)  
Class 310 : ELECTRICAL GENERATOR OR MOTOR STRUCTURE  
310/10 DYNAMOELECTRIC  
310/40R .Rotary  
310/179 ..Windings and core structure  
310/195 ...Armature or primary  
310/208 ....Coils
- 2 310/263 (0 OR, 2 XR)  
Class 310 : ELECTRICAL GENERATOR OR MOTOR STRUCTURE  
310/10 DYNAMOELECTRIC  
310/40R .Rotary  
310/261 ..Rotor structure



- 310/263      ...Interfitting or claw tooth rotors
- 2 310/266    (0 OR, 2 XR)  
Class 310 : ELECTRICAL GENERATOR OR MOTOR STRUCTURE  
310/10      DYNAMOELECTRIC  
310/40R     .Rotary  
310/261     ..Rotor structure  
310/264     ...Armatures  
310/266     ....Hollow (e.g., double air gap)
- 2 310/269    (0 OR, 2 XR)  
Class 310 : ELECTRICAL GENERATOR OR MOTOR STRUCTURE  
310/10      DYNAMOELECTRIC  
310/40R     .Rotary  
310/261     ..Rotor structure  
310/264     ...Armatures  
310/269     ....Salient pole
- 2 310/271    (0 OR, 2 XR)  
Class 310 : ELECTRICAL GENERATOR OR MOTOR STRUCTURE  
310/10      DYNAMOELECTRIC  
310/40R     .Rotary  
310/261     ..Rotor structure  
310/271     ...Banding
- 2 310/42     (1 OR, 1 XR)  
Class 310 : ELECTRICAL GENERATOR OR MOTOR STRUCTURE  
310/10      DYNAMOELECTRIC  
310/40R     .Rotary  
310/42      ..With assembling, metal casting or machining  
             feature
- 2 310/43     (0 OR, 2 XR)  
Class 310 : ELECTRICAL GENERATOR OR MOTOR STRUCTURE  
310/10      DYNAMOELECTRIC  
310/40R     .Rotary  
310/43      ..Molded plastic
- 2 310/45     (0 OR, 2 XR)  
Class 310 : ELECTRICAL GENERATOR OR MOTOR STRUCTURE  
310/10      DYNAMOELECTRIC  
310/40R     .Rotary  
310/45      ..Impregnated or coated
- 2 310/46     (0 OR, 2 XR)

Class 310 : ELECTRICAL GENERATOR OR MOTOR STRUCTURE  
310/10 DYNAMOELECTRIC  
310/40R .Rotary  
310/46 ..Magnetic motors

2 310/54 (0 OR, 2 XR)

Class 310 : ELECTRICAL GENERATOR OR MOTOR STRUCTURE  
310/10 DYNAMOELECTRIC  
310/40R .Rotary  
310/52 ..Cooling or fluid contact  
310/54 ...Liquid coolant

2 310/61 (0 OR, 2 XR)

Class 310 : ELECTRICAL GENERATOR OR MOTOR STRUCTURE  
310/10 DYNAMOELECTRIC  
310/40R .Rotary  
310/52 ..Cooling or fluid contact  
310/58 ...Circulation  
310/60R ....Self-forced  
310/61 .....Rotor passage

2 310/62 (0 OR, 2 XR)

Class 310 : ELECTRICAL GENERATOR OR MOTOR STRUCTURE  
310/10 DYNAMOELECTRIC  
310/40R .Rotary  
310/52 ..Cooling or fluid contact  
310/58 ...Circulation  
310/60R ....Self-forced  
310/62 .....Suction pump or fan

2 310/91 (1 OR, 1 XR)

Class 310 : ELECTRICAL GENERATOR OR MOTOR STRUCTURE  
310/10 DYNAMOELECTRIC  
310/40R .Rotary  
310/66 ..With other elements  
310/91 ...Supports

2 324/207.21 (0 OR, 2 XR)

Class 324 : ELECTRICITY: MEASURING AND TESTING  
324/200 MAGNETIC  
324/207.11 .Displacement  
324/207.13 ..Having particular sensor means  
324/207.21 ...Magnetoresistive

2 324/248 (1 OR, 1 XR)

- Class 324 : ELECTRICITY: MEASURING AND TESTING
  - 324/200 MAGNETIC
  - 324/244 .Magnetometers
  - 324/248 ..Superconductive magnetometers
  
- 2 324/253 (2 OR, 0 XR)
  - Class 324 : ELECTRICITY: MEASURING AND TESTING
  - 324/200 MAGNETIC
  - 324/244 .Magnetometers
  - 324/253 ..Saturable core magnetometers
  
- 2 324/260 (0 OR, 2 XR)
  - Class 324 : ELECTRICITY: MEASURING AND TESTING
  - 324/200 MAGNETIC
  - 324/260 .Magnetic field detection devices
  
- 2 324/300 (2 OR, 0 XR)
  - Class 324 : ELECTRICITY: MEASURING AND TESTING
  - 324/300 PARTICLE PRECESSION RESONANCE
  
- 2 324/307 (0 OR, 2 XR)
  - Class 324 : ELECTRICITY: MEASURING AND TESTING
  - 324/300 PARTICLE PRECESSION RESONANCE
  - 324/307 .Using a nuclear resonance spectrometer system
  
- 2 324/319 (1 OR, 1 XR)
  - Class 324 : ELECTRICITY: MEASURING AND TESTING
  - 324/300 PARTICLE PRECESSION RESONANCE
  - 324/318 .Spectrometer components
  - 324/319 ..Polarizing field magnet
  
- 2 327/527 (0 OR, 2 XR)
  - Class 327 : MISCELLANEOUS ACTIVE ELECTRICAL NONLINEAR DEVICES, CIRCUITS, AND SYSTEMS
  - 327/524 SPECIFIC IDENTIFIABLE DEVICE, CIRCUIT, OR SYSTEM
  - 327/527 .Superconductive (e.g., cryogenic, etc.) device
  
- 2 333/260 (0 OR, 2 XR)
  - Class 333 : WAVE TRANSMISSION LINES AND NETWORKS
  - 333/245 LONG LINE ELEMENTS AND COMPONENTS
  - 333/260 .Connectors and interconnections

- 2 336/178 (0 OR, 2 XR)  
Class 336 : INDUCTOR DEVICES  
336/178 WITH CLOSED CORE INTERRUPTED BY AN AIR GAP
- 2 336/205 (0 OR, 2 XR)  
Class 336 : INDUCTOR DEVICES  
336/199 COIL OR COIL TURN SUPPORTS OR SPACERS  
336/205 .Coil turns cemented to support or embedded in plastic
- 2 336/206 (2 OR, 0 XR)  
Class 336 : INDUCTOR DEVICES  
336/199 COIL OR COIL TURN SUPPORTS OR SPACERS  
336/206 .Flexible filament, strip or sheet insulation
- 2 336/DIG 1 (0 OR, 2 XR)  
Class 336 : INDUCTOR DEVICES  
336/DIG 1 Superconductive
- 2 428/469 (1 OR, 1 XR)  
Class 428 : STOCK MATERIAL OR MISCELLANEOUS ARTICLES  
428/411.1 COMPOSITE (NONSTRUCTURAL LAMINATE)  
428/457 .Of metal  
428/469 ..Next to metal salt or oxide
- 2 505/150 (0 OR, 2 XR)  
Class 505 : SUPERCONDUCTOR TECHNOLOGY: APPARATUS, MATERIAL, PROCESS  
505/150 HIGH TEMPERATURE ( $T_c$  GREATER THAN 30 K)  
DEVICES, SYSTEMS, APPARATUS, COM- PONENTS, OR STOCK, OR PROCESSES OF USING
- 2 505/213 (1 OR, 1 XR)  
Class 505 : SUPERCONDUCTOR TECHNOLOGY: APPARATUS, MATERIAL, PROCESS  
505/150 HIGH TEMPERATURE ( $T_c$  GREATER THAN 30 K)  
DEVICES, SYSTEMS, APPARATUS, COM- PONENTS, OR STOCK, OR PROCESSES OF USING  
505/211 .Electrical energy storage device (e.g., accumulator, etc.), inductor, transformer, magnetic switch, magnetic ring, sphere, coil, or magnetic arrangement  
505/213 ..Noncoiled hollow magnetic arrangement
- 2 505/231 (0 OR, 2 XR)

Class 505 : SUPERCONDUCTOR TECHNOLOGY: APPARATUS,  
MATERIAL, PROCESS

505/150 HIGH TEMPERATURE ( $T_c$  GREATER THAN 30 K)  
DEVICES, SYSTEMS, APPARATUS, COM- PONENTS, OR STOCK, OR  
PROCESSES OF USING

505/230 .Superconducting wire, tape, cable, or fiber,  
per se

505/231 ..Having plural superconducting wire or  
superconducting fiber component (e.g., multifilament wire,  
etc.)

2 505/234 (1 OR, 1 XR)

Class 505 : SUPERCONDUCTOR TECHNOLOGY: APPARATUS,  
MATERIAL, PROCESS

505/150 HIGH TEMPERATURE ( $T_c$  GREATER THAN 30 K)  
DEVICES, SYSTEMS, APPARATUS, COM- PONENTS, OR STOCK, OR  
PROCESSES OF USING

505/234 .Superconductor next to superconductor

2 505/430 (0 OR, 2 XR)

Class 505 : SUPERCONDUCTOR TECHNOLOGY: APPARATUS,  
MATERIAL, PROCESS

505/300 PROCESSES OF PRODUCING OR TREATING HIGH  
TEMPERATURE ( $T_c$  GREATER THAN 30 K) SUPERCONDUCTOR  
MATERIAL  
OR SUPERCONDUCTOR CONTAINING PRODUCTS OR PRECURSORS  
THEREOF

505/430 .Process of making wire, tape, cable, coil, or  
fiber

2 505/433 (1 OR, 1 XR)

Class 505 : SUPERCONDUCTOR TECHNOLOGY: APPARATUS,  
MATERIAL, PROCESS

505/300 PROCESSES OF PRODUCING OR TREATING HIGH  
TEMPERATURE ( $T_c$  GREATER THAN 30 K) SUPERCONDUCTOR  
MATERIAL  
OR SUPERCONDUCTOR CONTAINING PRODUCTS OR PRECURSORS  
THEREOF

505/430 .Process of making wire, tape, cable, coil, or  
fiber

505/433 ..With metal deforming, metal wrapping, or  
metal coiling

2 505/434 (1 OR, 1 XR)

Class 505 : SUPERCONDUCTOR TECHNOLOGY: APPARATUS,  
MATERIAL, PROCESS

505/300 PROCESSES OF PRODUCING OR TREATING HIGH  
TEMPERATURE ( $T_c$  GREATER THAN 30 K) SUPERCONDUCTOR  
MATERIAL  
OR SUPERCONDUCTOR CONTAINING PRODUCTS OR PRECURSORS  
THEREOF

505/430 .Process of making wire, tape, cable, coil, or  
fiber

505/434 ..With coating

2 505/473 (1 OR, 1 XR)

Class 505 : SUPERCONDUCTOR TECHNOLOGY: APPARATUS,  
MATERIAL, PROCESS

505/300 PROCESSES OF PRODUCING OR TREATING HIGH  
TEMPERATURE ( $T_c$  GREATER THAN 30 K) SUPERCONDUCTOR  
MATERIAL  
OR SUPERCONDUCTOR CONTAINING PRODUCTS OR PRECURSORS  
THEREOF

505/470 .Coating

505/473 ..Vapor deposition

2 505/474 (0 OR, 2 XR)

Class 505 : SUPERCONDUCTOR TECHNOLOGY: APPARATUS,  
MATERIAL, PROCESS

505/300 PROCESSES OF PRODUCING OR TREATING HIGH  
TEMPERATURE ( $T_c$  GREATER THAN 30 K) SUPERCONDUCTOR  
MATERIAL  
OR SUPERCONDUCTOR CONTAINING PRODUCTS OR  
PRECURSORS THEREOF

505/470 .Coating

505/473 ..Vapor deposition

505/474 ...Laser evaporative (i.e., ablative) coating

2 505/500 (1 OR, 1 XR)

Class 505 : SUPERCONDUCTOR TECHNOLOGY: APPARATUS,  
MATERIAL, PROCESS

505/300 PROCESSES OF PRODUCING OR TREATING HIGH  
TEMPERATURE ( $T_c$  GREATER THAN 30 K) SUPERCONDUCTOR  
MATERIAL

OR SUPERCONDUCTOR CONTAINING PRODUCTS OR PRECURSORS  
THEREOF

- 505/500      .Heating, annealing, or sintering
- 2 505/739    (0 OR, 2 XR)  
    Class 505 : SUPERCONDUCTOR TECHNOLOGY: APPARATUS,  
                MATERIAL, PROCESS
- 505/725      PROCESS OF MAKING OR TREATING HIGH  $T_c$  (ABOVE 30  
                K) SUPERCONDUCTING SHAPED MATERIAL, ARTICLE, OR DEVICE
- 505/739      .Molding, coating, shaping, or casting of  
                superconducting material
- 2 505/846    (0 OR, 2 XR)  
    Class 505 : SUPERCONDUCTOR TECHNOLOGY: APPARATUS,  
                MATERIAL, PROCESS
- 505/836      ....Location addressed (i.e., word organized  
                memory type: (Class 365/161)
- 505/842      .Measuring and testing: (Classes 73, 324, 356,  
                and 374)
- 505/843      ..Electrical: (Class 324)
- 505/845      ...Magnetometer: (Class 324/248)
- 505/846      ....Using superconductive quantum interference  
                device (i.e., SQUID): (Class 324/248)
- 2 505/877    (0 OR, 2 XR)  
    Class 505 : SUPERCONDUCTOR TECHNOLOGY: APPARATUS,  
                MATERIAL, PROCESS
- 505/875      ..Combined with housing and cryogenic fluid  
                cooling: (Class 257)
- 505/876      .Electrical generator or motor structure:  
                (Class 310)
- 505/877      ..Rotary dynamoelectric type: (Class 310/40+)
- 2 600/409    (2 OR, 0 XR)  
    Class 600 : SURGERY
- 600/300      DIAGNOSTIC TESTING
- 600/407      .Detecting nuclear, electromagnetic, or  
                ultrasonic radiation
- 600/409      ..Magnetic field sensor (e.g., magnetometer,  
                SQUID)